

ABSTRACT

Methods and apparatus are provided for transporting a solid rocket motor, rocket or other object. A transport for an object suitably includes a trailer having a longitudinal axis. A tail support coupled to the trailer has a notch configured to receive a pin affixed to the object to prevent movement along the longitudinal axis during transport. A chock assembly includes a chock and a trolley, wherein the chock is configured to accept the solid rocket motor and to pivot about a rotation axis that is substantially perpendicular to the longitudinal axis of the trailer. By pivoting with the object, the rotatable chock maintains intimate contact with the object during transport and/or elevation, thereby improving response to flexing of the transport and reducing the possibility of damage to the object.